

(iv) a light source at least partially disposed within the arm and configured to emanate a light beam through the free end thereof;

(v) a photo detector at least partially positioned at the free end of the arm;
and

(vi) an analog to digital converter disposed within the housing and electrically coupled to the photo detector.

Please add the following new claims 19 and 20:

-- ~~19~~⁶ An adapter as recited in claim ~~8~~³, wherein the light source can be used to download data to a computer over a distance greater than about ten feet, without the required use of a cradle or other electrical connection.

~~20~~⁷ An adapter as recited in claim ~~19~~¹⁶, wherein a transmission bit rate of the digital signal sent between the adapter and the computer is about 20 kbps or higher. --